

TEST SUPPORT

The EB/EC supports the following programs:

Defense Electronic Business Exchange (DEBX)
Electronic Commerce Interoperability Process (ECIP)
Electronic Document Access (EDA)
Central Contractor Registration (CCR)
Wide Area Work Flow (WAWF)
Secure Web Access (SWA)
DOD Business Opportunities (DOD Bus Opps)
DOD Electronic Mall (EMALL)
Domain Name Server Berkeley Internet Name Daemon
(DNS BIND)
Transportation Global Edit Table (TGET)
Online Representations and Certifications Application
(ORCA)
Federal Technical Data Solution (FedTeDS)
Federal Register (FedReg)

Mr Leo Hansen

DSN 879-5053

(520) 538-5053

FAX (520) 538-4375

e-mail: hansenl@fhu.disa.mil

Mr Will Lemons

DSN 879-0965

(520) 538-0965

FAX (520) 538-4375

e-mail: lemonsw@fhu.disa.mil



Electronic Business Electronic Commerce EB/EC LABORATORY



Joint Interoperability Test Command

***Joint Interoperability Test Command
ATTN: Visitor Support Center
Building 57305
Fort Huachuca, AZ 85613-7051***

***1-800-LET-JITC
<http://jitc.fhu.disa.mil>***

***Increasing Combat Effectiveness Through
Interoperability***

E-BUSINESS / E-COMMERCE

As part of the Joint Interoperability Test Command, the E-Business/E-Commerce Test Group's mission is to provide the testing expertise, the support, and the quality assurance required in a successful E-Business program.

With a dedicated staff of subject matter experts concentrating on multiple forms of testing, the EB/EC is capable of supporting the testing of any E-Business application. The EB/EC's attention to detail throughout the planning, the testing, and the reporting process, provides our customers with solutions to the systems problems.



TESTING

The EB/EC performs many forms of E-Business testing including:

- Functional
- Evaluations
- Unit
- System Integration
- Load
- Stress
- Regression
- End-user (multiple applications)
- Assessability
- Section 508 Compliance
- Assistive Technology Compatibility
- Common Access Card (CAC) / Smart Card
- Database Conversion Verification & Validation
- Web
- Development
- Assessments
- Performance
- Spike
- Operational Acceptance
- EDI

Not only does the EB/EC conduct a variety tests, but conducts them with multiple protocol types like HTTP, HTTPS, FTP, SFTP, and SMTP.

SUPPORT

- Help Desk Support
- Integration Support
- End-user Training Support
- Test Director Support

METHODOLOGY

The EB/EC tests with both live and automated users. The live users follow scripts designed to test the system in a methodical manner, while automated users are generated to simulate a scalable number of users.

The EB/EC uses a distributed network of stimulators, which utilize both NT and Unix platforms. With multiple platforms, the EB/EC is able to offer our customers testing options such as:

- Ability to stimulate an unlimited number of X12 and User Defined Formats (UDF-SAACONS, SPS, IPC, etc.)
- Ability to stimulate an unlimited number of web hits

- Customized test tools
- Robust real-time control
- End-to-End accountability of transactions

REPORTING

The EC/EB is capable of tracking the requirements through the planning stage, to the execution phase, on to the defects. This provides our customers with concise look at the system under test.

BENEFITS

A thoroughly tested applications aids in building user confidence and user satisfaction when moving to a new application or version. The EB/EC provides our customers with the ability to define the requirements of their users, helps find problem areas of the system, creates an opportunity for new ideas, and improves the product's value.

